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CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Rumania	REPORT NO.	
SUBJECT	1. Atomic Defense Training in the Rumanian Air Force 2. Inter-Satellite Early Warning Systems	DATE DISTR.	9 September 1955
DATE OF INFO.		NO. OF PAGES	5
PLACE ACQUIRED		REQUIREMENT NO.	RD
DATE ACQUIRED		REFERENCES	

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LIBRARY SUBJECT AND AREA CODES (18)

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COUNTRY Rumania

DATE DISTR. 11 August 1955

SUBJECT 1. Atomic Defense Training in the Rumanian Air Force  
2. Inter-Satellite Early Warning Systems

NO. OF PAGES 4

REFERENCES:

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Atomic Defense Training in the Rumanian Air Force

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immediately

base chemical officer. Attendance was mandatory for all air base personnel and officers and enlisted men were not segregated. 50X1

Source believes that the annual training programs for the armed forces were established by the Ministry of National Defense. Theoretically, lectures and training were to be given twice a week at all air bases throughout Rumania but, in practice, they were given less frequently. Source believes that before October 1954, there was no atomic defense program in the Rumanian Air Force. 50X1

Lectures were always based on a specific pamphlet which was classified "secret". All officers had access to this pamphlet but were not permitted to take notes from it. No one was permitted to take notes during the lecture periods. The pamphlet, which source saw in the hands of the lecturer several times, was white, about one inch thick, and was 25x15cm; it was entitled Regulamentul Apararii Antiatomice (Atomic Defense Regulations). Source believes it was published in early 1954 and that it was a translation from the Russian, as were most Rumanian technical manuals. 50X1

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4. Source remembers only the following information on the topics given below:
- Methods of defense: Protection against atomic radiation and concussion by lying face downward away from the point of detonation and taking advantage of any shelter or obstacle which could serve as a shield.
  - Types of bombs: No physical or technical description of bombs were given but A-bombs were broken down into three categories, i.e., small, medium, and large. Theoretical schematic illustrations compared the different sizes of bombs to their effective radius of damage.
  - Effect of A-bombs: Its destructive power and influence on human morale.
  - First aid: Decontamination, basic medical treatment for shock, medication of wounds, and nourishment of atomic casualties. Source was unable to give any further information on first aid.
  - Theoretical construction of A-bomb shelters for personnel and material: Sketches of basic shelter types were drawn on the lecture-room blackboard. See page 4 for source's memory sketch of these shelters.
  - Use of protective clothing (gloves, impregnated clothes, masks, etc): Source never saw any such equipment but heard that it was available.
5. Although attendance at these lectures was mandatory, personnel were generally disinterested in the program; these lectures served only as a period of relaxation. Officers to whom the atomic defense pamphlet was available never showed a serious interest in examining or studying it. Source, with a similar lack of enthusiasm, never took the opportunity to read the pamphlet. He believes that this apathetic attitude was prevalent throughout the Rumanian Air Force.

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[redacted] during one of the last lectures on atomic defense which [redacted], air force personnel were told that more emphasis was to be placed on atomic defense programs in the near future. This statement was based on a directive issued by Secretary of Defense Bodnaras. The need for expanding this training program was based on the alleged probability of the US and England starting an atomic war. Source claims that many officers and civilians with whom he talked expressed the opinion that although the Rumanian Government believed that the USSR would extend protection to Rumania against atomic attack, this confidence was not generally shared by the Rumanian people.

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Source heard in one lecture that a "model" military training area (polygon) for atomic defense was located near Bucharest and that another training area was to be built in the vicinity of Constanta. Activities at the training area near Bucharest included shelter and trench construction against atomic attack and related exercises. However, source could give no information on this or the extent of the training given in that area.

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#### Inter-Satellite Early Warning Systems

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[redacted] could not judge the effectiveness of Rumanian communication systems, [redacted] inter-Satellite early warning systems existed. In [redacted] commanding officer when a telephone call from the Flight Preparations Office (Biroul Programari Pentru Zbor) in Bucharest was received notifying the CO to cancel all scheduled training flights that night and to alert the air base against a foreign aircraft which was crossing into Rumania from Bulgaria. Bucharest was notified of the aircraft by Bulgaria. Source believes that the Flight Preparations Office in Bucharest was responsible for notifying all airfields in [redacted]

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Alert situations. Source heard nothing further about the fate of penetrating aircraft.

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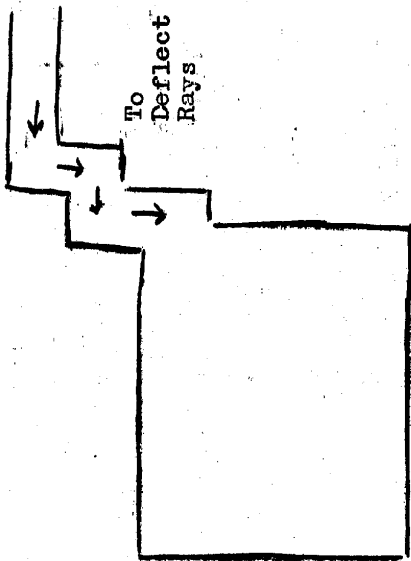
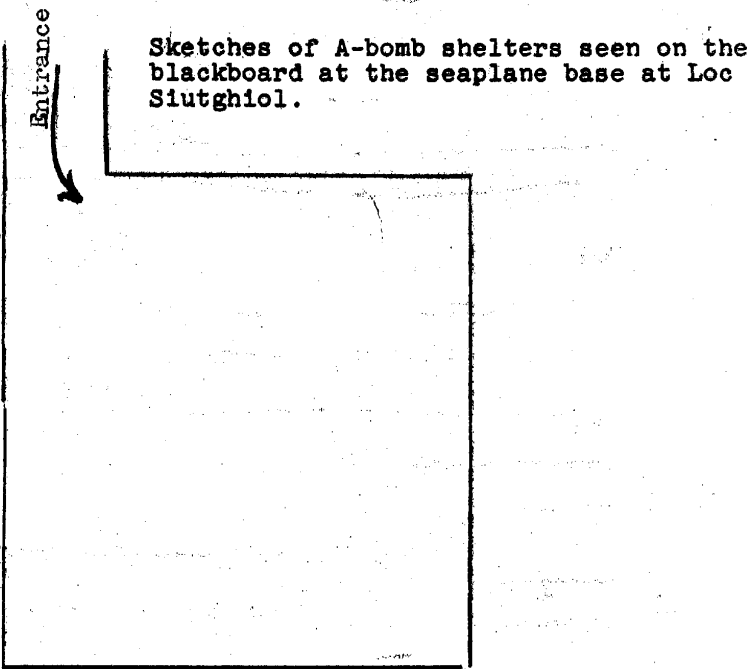
1.  Comment: The word "model" possibly denotes that the "polygon" was in an experimental stage and would eventually develop into a pattern for other training sites.

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